G Cost Estimates

Helen Mercury Mine EE/CA OPINION OF PROBABLE COST						
Alternative 2 Item No.	: Limited Action Line Item	Est. Qty.	Unit*	Unit Price	Extended Price	Description
CONSTRUCT	TON COST ESTIMATE					
MODULIZATIO	DN & GENERAL CITE PREPARATION					
MOBILIZATIO 1	DN & GENERAL SITE PREPARATION Mobilization, Bonding, Insurance	5	%	_	14.600.00 T	ypical percentage of overall construction
2	Construction BMPs (E&S Controls)	2	%	-	2,100.00 T	ypical percentage of overall construction
3 4	Minor Road Improvements Clear & Grub diversion channel areas	5.00 0.50	DAY AC	3,025.75 1,353.85		ICCD Crews B10L ICCD 02230-100-0300
5	Surveying	8		1,180.56		ICCD Crews A-6, 3 field days pre/post construction, 2 days office
6	Cleanup & Demobilization	1	LS	5,000.00	5,000.00 J 46,900	udgment
Excavation a	nd Movement of Material					
7 8	Pull back of material Regrade material pulled back	7,600 7,600		4.48 4.48		udgement, 3 CY track mounted backhoe udgement, spread from stockpile, 2.5 CY FE loader
9	Final grading of placed material	2,533		1.10	2,800.00 J	
Armored Em	bankments				70,800	
10	Excavation of armored embankments	100	CY	6.13		CCD 02310-100-1150 Hand grading; modified from per SY
11 12	Filter fabric Clear & Grub access to lower mine area	24	SY AC	1.12 1,353.85		udgement, Dewitt filter fabric plus installation ICCD 02230-100-0300
13	Cut access road to lower mine area	550	CY	8.91		ICCD 02230-100-0300 ICCD 02315-432-5420
14	Riprap	24	CY	55.53		RCD 17 03 0418; includes materials, delivery, and dumping
15	Place riprap	24	CY	34.82	800.00 E 8,300.00	CCD 02370-450-0100; machine placed
	annel Construction	4.400	CV	4.40	4,000,00	udes most 2 CV trade manuford health as
16 17	Excavation of diversion channel Filter fabric	1,100 2,000	CY SY	4.48 1.12		udgement, 3 CY track mounted backhoe udgement, Dewitt filter fabric plus installation
18	Granular bedding (materials)	83	CY	53.83	4,500.00 E	SCCD 02315-640-0050; bedding and placement
19	Haul bedding material to site	83	CY	36.89		CCD 02315-490-0560; 12 CY dump;20 mile RT
20 21	Compact bedding material in channels Riprap	83 250	CY CY	5.47 55.53		CCD 02315-640-0500; compacting bedding in trench CCD 17 03 0418; includes materials, delivery, and dumping
22	Place riprap	250	CY	34.82	8,700.00 E	CCD 02370-450-0100; machine placed
erimeter Fe					37,800	
23	Locking Gates		EA	1,600.91		CCD 02800-130-5020; 20' opening, 6' high, including installation
24 25	Perimeter Fencing Access Restriction Signs	2,500 25	LF EA	7.81 26.00	700.00 J	ICCD 01560-250-0200 udgement and experience with similar projects
Miscellaneou	IS .				23,400	
26	Providing Dust Control	264	day	18.00		•
27 28	Erosion control Re-seeding	2,533 4,840	SY SY	10.38 0.64		RCD 17 03 9904 mulch hay, 50 lb; modified per SY (1 bale/SY)
29	Stormwater Pollution Prevention Control	1	LS	5,000.00		udgement and experience with similar projects
30	Providing Decon Area	30	SY	54.55		ICCD 02370-450-0400, stone truck washes
53	Groundwater monitoring	3	EA	3,000.00	9,000.00 J 49,760	udgement, monitoring well installation and sampling
SURTOTAL F	FOR CONSTRUCTION				237,000	
31	Additional line items allowance	10	%	237,000.00	23,700.00	
	FOR CONSTRUCTION WITHOUT CONTINGENCY	45	0/	000 700 00	260,700	
32 SUBTOTAL F	Contingency FOR CONSTRUCTION WITH CONTINGENCY	15	%	260,700.00	39,100.00 299,800	
ESIGN COS	ST ESTIMATE					
NGINEERIN 33	IG & DESIGN Certificate of Designation Application Fees	1	LS	5,000.00	5,000.00 J	udament
34	Engineering design & operation report	1	LS	80,000.00	80,000.00 J	•
35	Construction oversight	1	LS	14,400.00		udgment, 1 people @ \$80/day, 10 hour/day, 6 day/week, 3 weeks
36	Administration	1	LS	3,000.00	3,000.00 J 102,400	udgment
	AL REQUIREMENTS		1.0			
37 38	Monitoring program plan Recordkeeping		LS YR	4,000.00 2,000.00	4,000.00 J 2,000.00 J	•
				,	6,000	-
39	OSURE - ENGINEERING/DESIGN State & Local notifications	1	LS	3,000.00	3,000.00 J	udgment
40	General public notification	1	LS	3,000.00	3,000.00 J	udgment
41 42	Closure plan preparation Post-closure plan preparation	1	LS LS	4,000.00 3,000.00	4,000.00 J 3,000.00 J	•
72	. co. siosuro piari proparation	1	LO	3,000.00	13,000	augmon.
SUBTOTAL F	FOR DESIGN AND OPERATION				121,400.00	
43	Additional line items allowance	10	%	121,400.00	12,100.00	
SUBTOTAL F 44	FOR DESIGN WITHOUT CONTINGENCY Contingency	15	%	133,500.00	133,500.00 20,000.00	
	FOR DESIGN WITH CONTINGENCY	.0	,,	: 30,000.00	153,500	
OTAL FOR	DESIGN - CONSTRUCTION (BOURDED)				4E2 200	
OTAL FUR	DESIGN + CONSTRUCTION (ROUNDED)				453,300	

ASSUMPTIONS & LIMITATIONS:

- 1 Pricing is for 2010 present value with 7 percent discount rate.

2 Annual costs are set at 30 years for long-term monitoring activities at the Site.
3 Extended prices are rounded to the nearest \$100; however, in cases where the nearest \$100 value is \$0, an extended price of \$100 has been assigned

*UNITS:

AC = acre CY = cubic yard

EA = each LF = linear foot

LS = lump sum SY = square yard YR = year

HCCD = RSMeans Heavy Construction Cost Data 2006, adjusted for inflation BCCD = RSMeans Building Construction Cost Data 2005, adjusted for inflation ERCD = RSMeans Environmental Remediation Cost Data 2005, adjusted for inflation Judgement = Professional judgement or estimation by E & E.

Helen Mine EE/CA **OPINION OF PROBABLE COST** Alternative 3:Onsite Stabilization and Consolidation Est. Qty. Unit* Unit Price Extended Price Description INSTRUCTION COST ESTIMATE TION & GENERAL SITE PREPARATIO 20,300.00 Typical percentage of overall construction Mobilization, Bonding, Insurance 8,100.00 Typical percentage of overall construction 12,100.00 HCCD Crews B10L Construction BMPs (E&S Controls) 2 4.00 DAY 3,025.75 Minor to Moderate Road Improvements 2,700.00 HCCD 02230-100-0300, aareas surrounding terrace locations 2.00 AC 1,353.85 Clear & Grub staging areas Surveying 10 DAY 1.180.56 11,800.00 HCCD Crews A-6, 4 field days pre/post construction, 4 days intermediate, 2 days office Cleanup & Demobilization 8,000.00 5 1 LS 8,000.00 Judgment Excavation of sediment/waste material from southern 488 CY 6 1,800.00 HCCD 02315-424-0300; 3 CY track mounted backhoe disturbed area, south valley 1,700.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump Haul south valley sediment to consolidation cell 488 8 Placement of south valley sediment in consolidation cell 488 CY 3.76 1,800.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul Excavation of sediment/waste material from southern 9 658 CY 3.76 2,500.00 HCCD 02315-424-0300; 3 CY track mounted backhoe disturbed area, north valley 3.40 2,200.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 10 Haul north valley sediment to consolidation cell 658 CY 2,500.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 3.76 11 Placement of north valley sediment in consolidation cell 658 CY 12 Excavation of tailings from north tailings pile 5,339 CY 3.76 20,100.00 HCCD 02315-424-0300; 3 CY track mounted backhoe 13 Haul north tailings to consolidation cell 5,339 CY 3.40 18,200.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 5,339 CY 3.76 20,100.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 14 Placement of north tailings in consolidation cell 15 223 CY 3.76 800.00 HCCD 02315-424-0300; 3 CY track mounted backhoe Excavation of storage tank area 16 Haul storage tank area to consolidation cell 223 3.40 800.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 17 Placement of storage tank area material in consolidation cell 223 CY 3.76 800.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 18 Grade Subgrade 1.600 SY 2.97 4,700.00 HCCD 02310-100-1050, Subgrade for small irregular areas 19 Compact placed material at consolidation cell 6,708 0.45 3,000.00 HCCD 02315-310-5080, 12" lifts, 3 passes Final grading of placed material at consolidation cell 500.00 HCCD 02310-100-3300, finish grading slopes, gentle slopes 20 2,600 3,700.00 HCCD 2340-300-1550, geotextile, non-woven 120 lb tensile strength 1600 Demarcation Layer 20,100.00 ERCD 17 03 0424; unclassified fill, delivered, off site, includes remoteness factor 22 Select fill 858 CY 23.37 3,200.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 23 Placement of select fill 858 CY 3.76 400.00 BCCD 02315-310-5080; 12" lifts, 3 passes Compaction of select fill 24 858 0.47 18,800.00 ERCD 18 05 0301 Furnish imported topsoil (includes material and hauling to site) 9,800.00 HCCD 02315-520-0170, spread topsoil from stockpile, 2.5 CY FE loader, 300' haul 25 Topsoil 434 CY 43.39 26 Placing topsoil 2,600 3.76 3,000.00 BCCD 02310-100-1150 Hand grading; modified from per SY Grading of excavated south valley 488 6.13 658 CY 4,000.00 BCCD 02310-100-1150 Hand grading; modified from per SY 28 Grading of excavated north valley 6.13 20,600.00 BCCD 02315-640-0050; bedding and placement Granular bedding (materials) 382 30 Haul bedding material to site 382 CY 36.89 14,100.00 BCCD 02315-490-0560; 12 CY dump;20 mile RT 2,100.00 BCCD 02315-640-0500; compacting bedding in trench 382 5.47 31 Compact bedding material in channels CY 32 764 42,400.00 ERCD 17 03 0418; includes materials, delivery, and dumping Riprap 33 Place riprap 764 CY 34.82 26,600.00 BCCD 02370-450-0100; machine placed Perimeter Fencing at consolidation cell 648 LF 30.37 $19{,}700.00 \,\, HCCD \,\, 2820\text{-}130\text{-}200, \, 3 \,\, strand \,\, barb \,\, wire, \, 2" \,\, post, \, 6' \,\, height, \, 9 \,\, ga. \,\, Wire, \, galv. \,\, Steel$ 34 19,700 100.00 HCCD 2310-100-3310; finishing grading slopes, steep slopes Final grading of north tailings pile excavation 36 Final grading of Storage Tank Area 669 SY 0.21 100.00 HCCD 02310-100-3300; finishing grading slopes, gentle slopes 2,039.40 Judgement, includes excavated areas and surface of consolidation cell 37 Revegetation 1,803.53 2,700.00 Means crew B-10T 38 Permanent surface water control grading 2 DAY 1,339.86 2,700 Providing Dust Control 2.573 4,520.00 HCCD 02315-310-9010, 3000 gal. Water truck, 6 mile haul 56,810.00 ERCD 17 03 9904 mulch hay, 50 lb; modified per SY (1 bale/SY) 10.38 40 5,473 Erosion control Stormwater Pollution Prevention Control 20,000.00 20,000.00 Judgement and experience with similar projects 42 Providing Decon Area 30 SY 54.55 $1,600.00\ HCCD\ 02370\text{-}450\text{-}0400$, stone truck washes 9,000.00 HCCD Crews B10L 1,801.04 43 Temporary road construction for bridge access 5 day 2,600.00 HCCD 2720-200-0301; crushed 1.5" stone base compacted 4" deep Placement and compaction of gravel road bed 300 45 Installation and removal of 40' temporary bridge 1.00 LS 1,200.00 1,200.00 Contractor Quote 1,784.54 7,100.00 Contractor Quote 46 Rent 40' bridge 4.00 week 102,830 SUBTOTAL FOR CONSTRUCTION 437,069 10 % 437,069.00 Additional line items allowance 43,700.00 SUBTOTAL FOR CONSTRUCTION WITHOUT CONTINGENCY 480,769 Contingency 480,769.00 ESIGN COST ESTIMATE Certificate of Designation Application Fees LS LS 5,000.00 80,000.00 Engineering design & operation report 46 80,000.00 Judgment 47 LS 38,400.00 38,400.00 Judgment, 2 people @ \$80/day, 10 hour/day, 6 day/week, 1 month Construction oversight 48 LS 8,000.00 8,000.00 Judgment ERATIONAL REQUIREMENT 1 LS 6,000.00 49 Monitoring program plan 6,000.00 Judgment 2 person @\$80/day, 12 hour/day, 4 days a year for 30 years (inspection of cap, sampling of 50 Site Inspection and monitoring and record keeping 30 YR 15,700.00 194,800.00 water and sediment, minor repairs). ODC's \$200 per visit, 1 hour PE review, and annual reporting of results LITY CLOSURE - ENGINEERING/I LS LS 3,000.00 Judgment State & Local notifications 3.000.00 51 3,000.00 Judgment General public notification 3,000.00 52 Closure plan preparation LS 53 8,000.00 8,000.00 Judgment 4,000.00 Judgment 54 Post-closure plan preparation LS 4,000.00 18,000 SUBTOTAL FOR DESIGN AND OPERATION 350.200.00 350,200.00 Additional line items allowance 10 35,000.00 SUBTOTAL FOR DESIGN WITHOUT CONTINGENCY 385,200.00 385,200.00 57 800 00 Contingend TOTAL FOR DESIGN + CONSTRUCTION (ROUNDED) 995,900

ASSUMPTIONS & LIMITATIONS

- 1 Pricing is for 2008 present value with 7 percent discount rate.
- 2 Annual costs are set at 30 years for long-term monitoring activities at the Site.

3 Mark-up factor of 1.68 applied to all RSMeans costs

*UNITS:

CY = cubic yard

EA = each

LS = lump sum

SY = square yard

YR = year

HCCD = RSMeans Heavy Construction Cost Data 2006, adjusted for inflation BCCD = RSMeans Building Construction Cost Data 2005, adjusted for inflation

ERCD = RSMeans Environmental Remediation Cost Data 2005, adjusted for inflation

Judgement = Professional judgement or estimation by E & E.

Helen Mine EE/CA OPINION OF PROBABLE COST Alternative 4:Onsite Consolidation and Placement in Lined Repository Est. Qty. Unit* Unit Price Extended Price Line Item Description ONSTRUCTION COST ESTIMATE N & GENERAL SITE PREPARAT 21,900.00 Typical percentage of overall construction 8,700.00 Typical percentage of overall construction Construction BMPs (E&S Controls) 3,025.75 Minor to Moderate Road Improvements 4.00 DAY 12,100.00 HCCD Crews B10L Clear & Grub staging areas 2.00 AC 13 DAY 1,353.85 1,180.56 2,700.00 HCCD 02230-100-0300, aareas surrounding terrace locations 15,300.00 HCCD Crews A-6, 4 field days pre/post construction, 4 days intermediate, 2 days office Surveying Cleanup & Demobilization 5 1 LS 8,000.00 8,000.00 Judgment Excavate repository subgrade 2,128 CY 3.76 8,000.00 HCCD 02315-424-0300; 3 CY track mounted backhoe 300.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump Excavate repository trench Grade Subgrade 1,600 2.97 4,700.00 HCCD 02310-100-1050, Subgrade for small irregular areas Compact subgrade 533 1,734 0.45 13.91 200.00 HCCD 02315-310-5080; 12* lifts, 3 passes 24,100.00 ERCD 17 03 0424; unclassified fill, delivered, off site, includes remoteness factor CY CY Clay (import) 10 CY 4,300.00 HCCD 02315-520-0020; fill, spread dumped material 11 Clay placement 1,734 2.50 800.00 HCCD 02315-310-5080; 12" lifts, 3 passes 5,200.00 HCCD 02620-300-100; fabric laid in trench, polypropylene, ideal conditions 12 Compact clay 1.734 0.45 1,760 2.95 Geocomposite drainage layer 47,600.00 488 CY 3.76 1,800.00 HCCD 02315-424-0300; 3 CY track mounted backhoe 14 area, south valley Haul south valley sediment to repository Placement of south valley sediment in repository 1,700.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 1,800.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 488 488 16 Excavation of sediment/waste material from southern disturbed 658 CY 17 3.76 2,500.00 HCCD 02315-424-0300; 3 CY track mounted backhoe area, north valley 2,200.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 2,500.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul Haul north valley sediment to repository 658 658 CY CY 3.40 3.76 Placement of north valley sediment in repository 19 20 Excavation of tailings from north tailings pile 5,339 CY 3.76 20,100.00 HCCD 02315-424-0300; 3 CY track mounted backhoe 5,339 CY 18,200.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 21 Haul north tailings to repository 3.40 22 Placement of north tailings in repository 5.339 CY 3.76 20,100.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 223 23 Excavation of storage tank area CY 3.76 800.00 HCCD 02315-424-0300; 3 CY track mounted backhoe 24 Haul storage tank area to repository 223 CY 3.40 800.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 25 Placement of storage tank area material in repository 3.76 800.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 24 CY 3.76 100.00 HCCD 02315-424-0300; 3 CY track mounted backhoe 26 Excavation of retort area 3.40 3.76 100.00 HCCD 02315-490-2010, 1000' haul, 22 CY rear dump 100.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 3,100.00 HCCD 02315-310-5080, 12" lifts, 3 passes 27 28 24 24 CY CY Placement of retort area material in repository Compact placed material at consolidation cell 6,732 29 CY 0.45 30 Final grading of placed material in repository 2,600 SY 0.21 500.00 HCCD 02310-100-3300, finish grading slopes, gentle slopes 40,500.00 ERCD 17 03 0424; unclassified fill, delivered, off site, includes remoteness fac 6,500.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul Placement of clay liner 800.00 BCCD 02315-310-5080: 12" lifts, 3 passes 33 Compaction of clay liner 1,734 CY 0.47 23.37 3.76 20,100.00 ERCD 17 03 0424; unclassified fill, delivered, off site, includes remoteness factor 3,200.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul Select fill Placement of select fill 36 Compaction of select fill 858 CY 0.47 400.00 BCCD 02315-310-5080; 12" lifts, 3 passes Topsoil (vegetative cover) Placing topsoil (vegetative cover) 18,800.00 ERCD 18 05 0301 Furnish imported topsoil (includes material and hauling to site) 9,800.00 HCCD 02315-520-0170, spread topsoil from stockpile, 2.5 CY FE loader, 300' haul 37 38 434 43.39 2,600 3.76 100,100 Grading of excavated south valley 3,000.00 BCCD 02310-100-1150 Hand grading; modified from per SY Grading of excavated north valley 40 658 6.13 4,000.00 BCCD 02310-100-1150 Hand grading; modified from per SY Granular bedding (materials) 382 382 CY 53.83 36.89 20,600.00 BCCD 02315-640-0050; bedding and placement 14,100.00 BCCD 02315-490-0560; 12 CY dump;20 mile RT 41 42 Haul bedding material to site 43 Compact bedding material in channels 382 CY 5.47 2.100.00 BCCD 02315-640-0500; compacting bedding in trench 764 764 55.53 34.82 24,400.00 ERCD 17 03 0418; includes materials, delivery, and dumping 26,600.00 BCCD 02370-450-0100; machine placed 45 Place riprap CY 112,800 Perimeter Fencing at consolidation cel 2,200.00 HCCD 2820-130-200, 3 strand barb wire, 2" post, 6' height, 9 ga. Wire, galv. Steel 30.37 2,200 Final grading of north tailings pile excavation SY 100.00 HCCD 2310-100-3310; finishing grading slopes, steep slopes 100.00 HCCD 02310-100-3300; finishing grading slopes, gentle slopes 2,039.40 Judgement, includes excavated areas and surface of consolidation cell 48 Final grading of Storage Tank Area 669 1 SY AC 0.21 1,803.53 Revegetation 2,239 Permanent surface water control grading 2 DAY 1,339.86 2,700.00 Means crew B-10T Providing Dust Control 4,910.00 HCCD 02315-310-9010, 3000 gal. Water truck, 6 mile hau Erosion control Stormwater Pollution Prevention Control 57,570.00 ERCD 17 03 9904 mulch hay, 50 lb; modified per SY (1 bale/SY) 20,000.00 Judgement and experience with similar projects 1,600.00 HCCD 02370-450-0400, stone truck washes 5,546 SY LS 10.38 20,000.00 SY 53 Providing Decon Area 30 54.55 Temporary road construction for bridge access Placement and compaction of gravel road bed 9,000.00 HCCD Crews B10L 2,600.00 HCCD 2720-200-0301; crushed 1.5" stone base compacted 4" deep 5 300 1.00 day SY LS 54 55 1,801.04 1,200.00 56 Installation and removal of 40' temporary bridge 1,200.00 Contractor Quote 57 Rent 40' bridge 4.00 1.784.54 7,100.00 Contractor Quote 103,980 SUBTOTAL FOR CONSTRUCTION 517,519 10 % 517,519.00 51.800.00 569,319 SUBTOTAL FOR CONSTRUCTION WITHOUT CONTINGENCY 569,319.00 Contingency 85,400.00 IBTOTAL FOR CONSTRUCTION WITH CONTINGENCY 80,000.00 Engineering design & operation report 80,000.00 Judgment 62 Construction oversight LS 38,400.00 38,400.00 Judgment, 2 people @ \$80/day, 10 hour/day, 6 day/week, 1 month 63 Administration LS 8,000.00 8,000.00 Judgment Monitoring program plan LS 6,000.00 2 person @\$80/day, 12 hour/day, 4 days a year for 30 years (inspection of cap, sampling of 65 Site Inspection and monitoring and record keeping 30 YR 15.700.00 194,800.00 water and sediment, minor repairs). ODC's \$200 per visit, 1 hour PE review, and annual reporting of results Leachate Collection and Disposal 66 30 YR 7,120.00 88,400.00 2 people @\$80/day, 8 hour/day, 4 days a year for 30 years. Pump and dispose of leachate. 3,000.00 Judgment 3,000.00 Judgment 3,000.00 3,000.00 LS General public notification Closure plan preparation 69 LS 8,000.00 8,000.00 Judgment Post-closure plan preparation LS 4,000.00 4,000.00 Judgment 18,000 SUBTOTAL FOR DESIGN AND OPERATION 350.200.00 350,200.00 71 Additional line items allowance SUBTOTAL FOR DESIGN WITHOUT CONTINGENCY 385,200.00 385,200.00 57,800.00 Contingency TOTAL FOR DESIGN + CONSTRUCTION (ROUNDED) 1,097,700

ASSUMPTIONS & LIMITATIONS

- 1 Pricing is for 2008 present value with 7 percent discount rate
- 2 Annual costs are set at 30 years for long-term monitoring activities at the Site 3 Mark-up factor of 1.68 applied to all RSMeans costs

*UNITS: AC = acre CY = cubic yard EA = each LF = linear foot

LS = lump sum SY = square yard YR = year

HCCD = RSMeans Heavy Construction Cost Data 2006, adjusted for inflation BCCD = RSMeans Building Construction Cost Data 2005, adjusted for inflation ERCD = RSMeans Environmental Remediation Cost Data 2005, adjusted for inflation Judgement = Professional judgement or estimation by E & E.

Helen Mercury Mines EE/CA OPINION OF PROBABLE COST Alternative 5: Offsite Removal Est. Qty. Unit* Line Item Unit Price Extended Price Description No. ONSTRUCTION COST ESTIMATE Mobilization, Bonding, Insurance 234,600.00 Typical percentage of overall construction Construction BMPs (E&S Controls) 2 93,800.00 Typical percentage of overall construction Major Road Improvements 20.00 DAY 3,025.75 60,500.00 HCCD Crews B10L Clear & Grub staging areas 2.00 AC 1,353.85 2,700.00 HCCD 02230-100-0300, areas surrounding containment locations Surveying 15 DAY 1,000.00 15,000.00 Judgement from PLS Cleanup & Demobilization 1 LS 8,000.00 8,000.00 Judgement 414,600 117,700.00 Judgement+loading, BCCD 02315-462-9024 Excavation of waste material 22,855 CY 5.15 57,137.50 Estimate from TestAmerica for rush TCLP Metals sample Disposal Characterization Sampling 229 250.00 Waste transport to landfill (out-of-state) 21,941 Ton 150.00 3,291,120.00 Estimate from landfill Non-hazardous Waste disposal (out-of-state) 21,941 11.00 241,348.80 Estimate from landfill Ton Waste transport to landfill (in-state) 4,571 Ton 85.00 388,535.00 Estimate from CA landfill Hazardous Waste disposal (in-state) 4,571 25.00 114,275.00 Estimate from CA landfill Ton 1,767 Loads 13 Waste Manifesting Fees 1.00 1,767.45 Judgement and experience with similar projects Re-grading and countouring of excavation areas 22,855 86,000.00 HCCD 02315-520-0170, spread fill from stockpile, 2.5 CY FE loader, 300' haul 22,855 4.54 103,900.00 BCCD 31 23 23.13-1600 (2008 adjusted); 6-12" lifts, Sheepsfoot 15 Compaction of fill 1,000 Final grading of excavated areas SY 0.98 1,000.00 BCCD 31 22 16-0100 (2008 adjusted) 1,100.00 200.00 Per value suggested by similar BLM project 17 Revegetation 18 Temporary fencing 2,000 LF 15,600.00 HCCD 01560-250-0200 206,700 19 Providing Dust Control 10,050.00 HCCD 02315-310-9010, 3000 gal. Water truck, 6 mile haul 5,714 CY 1.76 Confirmation Soil Sampling 100.00 75 EΑ 7,500.00 Judgement and experience with similar projects 75,360.00 ERCD 17 03 9904 mulch hay, 50 lb; modified per SY (1 bale/SY) Erosion control 7,260 SY 10.38 Stormwater Pollution Prevention Control 27,000.00 27,000.00 Judgement and experience with similar projects 15,130.00 HCCD Crews B10L Temporary road construction for bridge access DAY 3,025.75 Placement and compaction of gravel road bed 2,890.00 HCCD 02720-200-0301; crushed 1.5" stone base compacted 4" deep 300 SY 9.64 Delivery/removal of 40' temporary bridge 1,200.00 LS 1,200.00 Estimate from bridge contractor Installation and removal of bridge 2,861.24 2,900.00 HCCD Crews B10Q; 5 C.Y. F.E. W.M. loader DAY Temporary bridge across Dry Creek 24 WEEK 1,784.54 42,800.00 Estimate from bridge contractor 1,600.00 HCCD 02370-450-0400, stone truck washes 28 Providing Decon Area 30 SY 54.55 186,430 SUBTOTAL FOR CONSTRUCTION 5,019,612 29 Additional line items allowance 10 5,019,611.75 502,000.00 SUBTOTAL FOR CONSTRUCTION WITHOUT CONTINGENCY 5,521,612 Contingency 5,521,611.75 828,200.00 UBTOTAL FOR CONSTRUCTION WITH CONTINGENCY 6,349,812 GN COST ESTIMATE Certificate of Designation Application Fees 5,000.00 5,000.00 Judgment LS 60,000.00 32 Engineering design & operation report LS 60,000.00 Judgment 321,280.00 Judgment 33 Construction oversight 40,160.00 LS 20,000.00 Judgment 34 Administration 20,000.00 406,280 PERATIONAL REQUIREMENTS 10,000.00 Judgment 35 Monitoring program plan LS 10,000.00 YR 2,000.00 36 Monitoring 2,000.00 Judgment 5,000.00 Judgment 5,000.00 YR 37 Recordkeeping 17,000 FACILITY CLOSURE - ENGINEERING/DESIGN 3,000.00 3,000.00 38 State & Local notifications LS 3,000.00 Judgment LS 3,000.00 Judgment 39 General public notification 40 Trespass prevention measures LS 3,500.00 3,500.00 Judgment 41 Permanent surface water control plan LS 10,000.00 10,000.00 Judgment Closure plan preparation, incl. final cover system LS 30,000.00 30,000.00 Judgment 43 Post-closure plan preparation LS 10,000.00 10,000.00 Judgment 59,500 SUBTOTAL FOR DESIGN AND OPERATION 482,780,00 44 Additional line items allowance 10 482,780.00 48.300.00 SUBTOTAL FOR DESIGN WITHOUT CONTINGENCY 531.080.00 15 531,080.00 45 Contingency 79,700.00 **DESIGN WITH CONTINGENC**

6,960,600

ASSUMPTIONS & LIMITATIONS:

TOTAL FOR DESIGN + CONSTRUCTION (ROUNDED)

1 Pricing is for 2010 present value with 7 percent discount rate.

2 Annual costs are set at 30 years for long-term monitoring activities at the Site.

*UNITS:

AC = acre CY = cubic yard

EA = each

LF = linear foot

LS = lump sum SY = square yard

YR = vear

HCCD = RSMeans Heavy Construction Cost Data 2006, adjusted for inflation

BCCD = RSMeans Building Construction Cost Data 2005, adjusted for inflation

ERCD = RSMeans Environmental Remediation Cost Data 2005, adjusted for inflation

Judgement = Professional judgement or estimation by E & E.